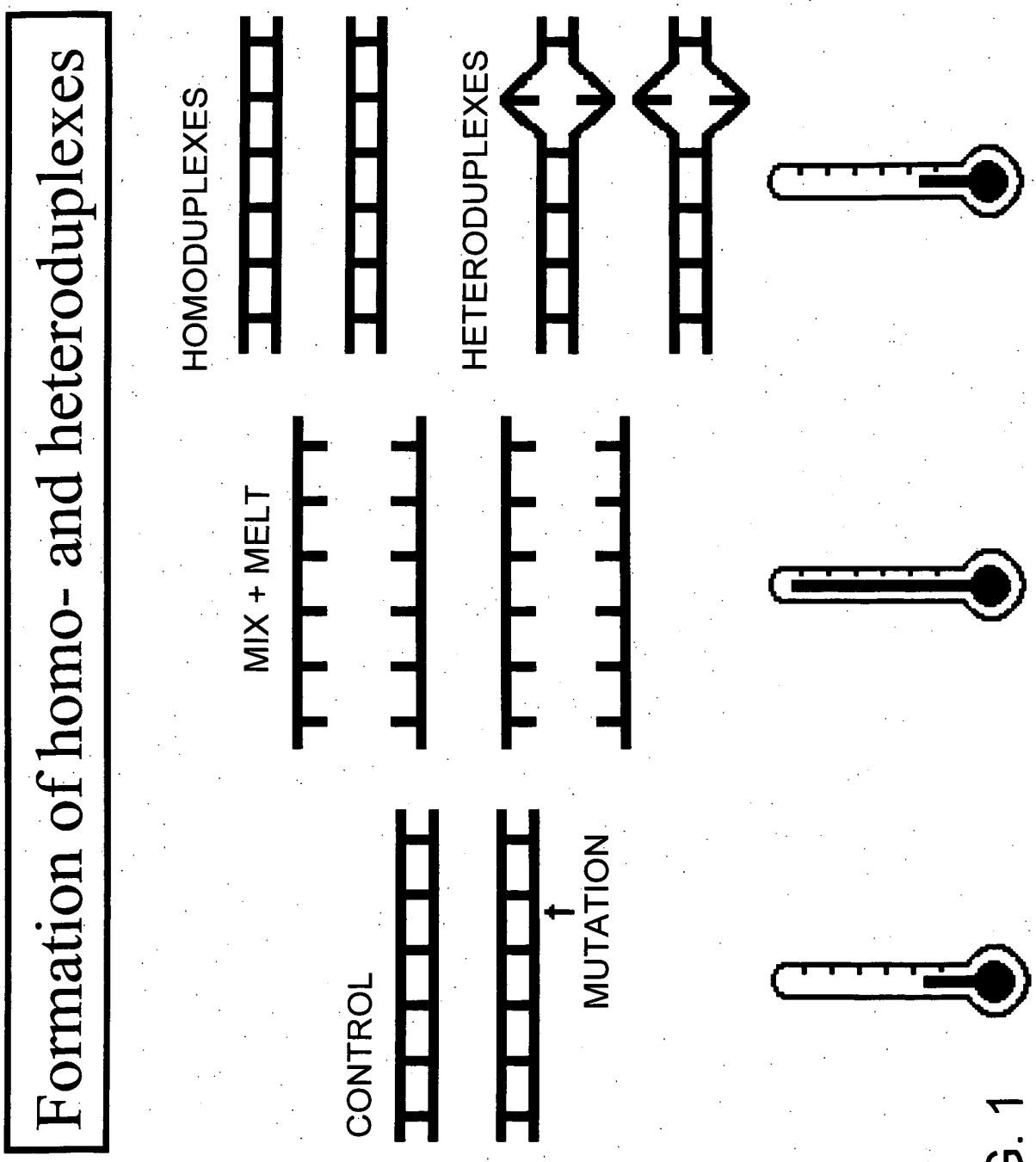

FIG. 1

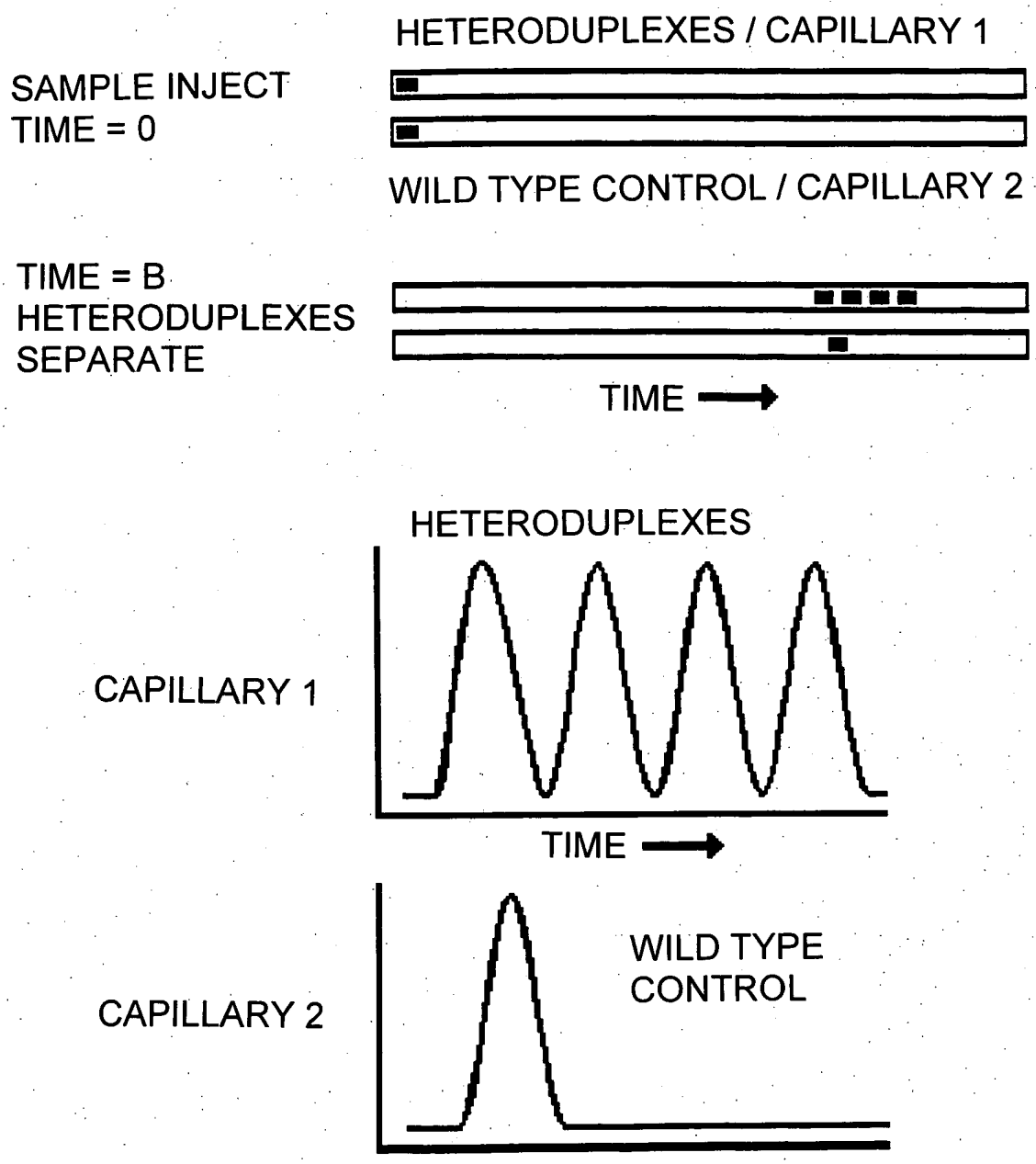
HETERODUPLEXES / CAPILLARY 1
SAMPLE INJECT
TIME = 0
WILD TYPE CONTROL / CAPILLARY 2
TIME = B
HETERODUPLEXES
SEPARATE
TIME
HETERODUPLEXES
CAPILLARY 1
TIME
CAPILLARY 2
WILD TYPE
CONTROL

FIG. 2

Procedure Flowchart

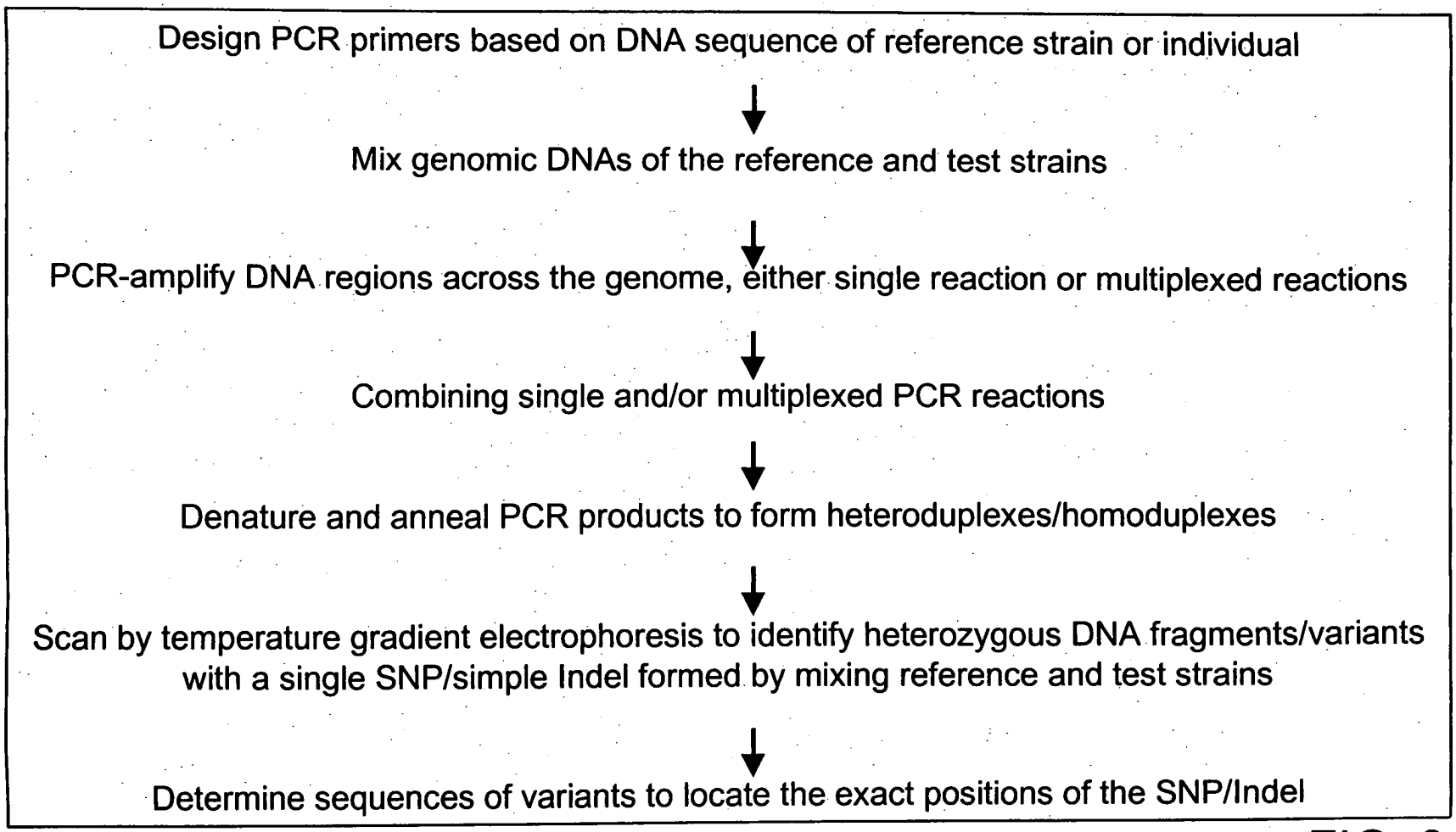

FIG. 3

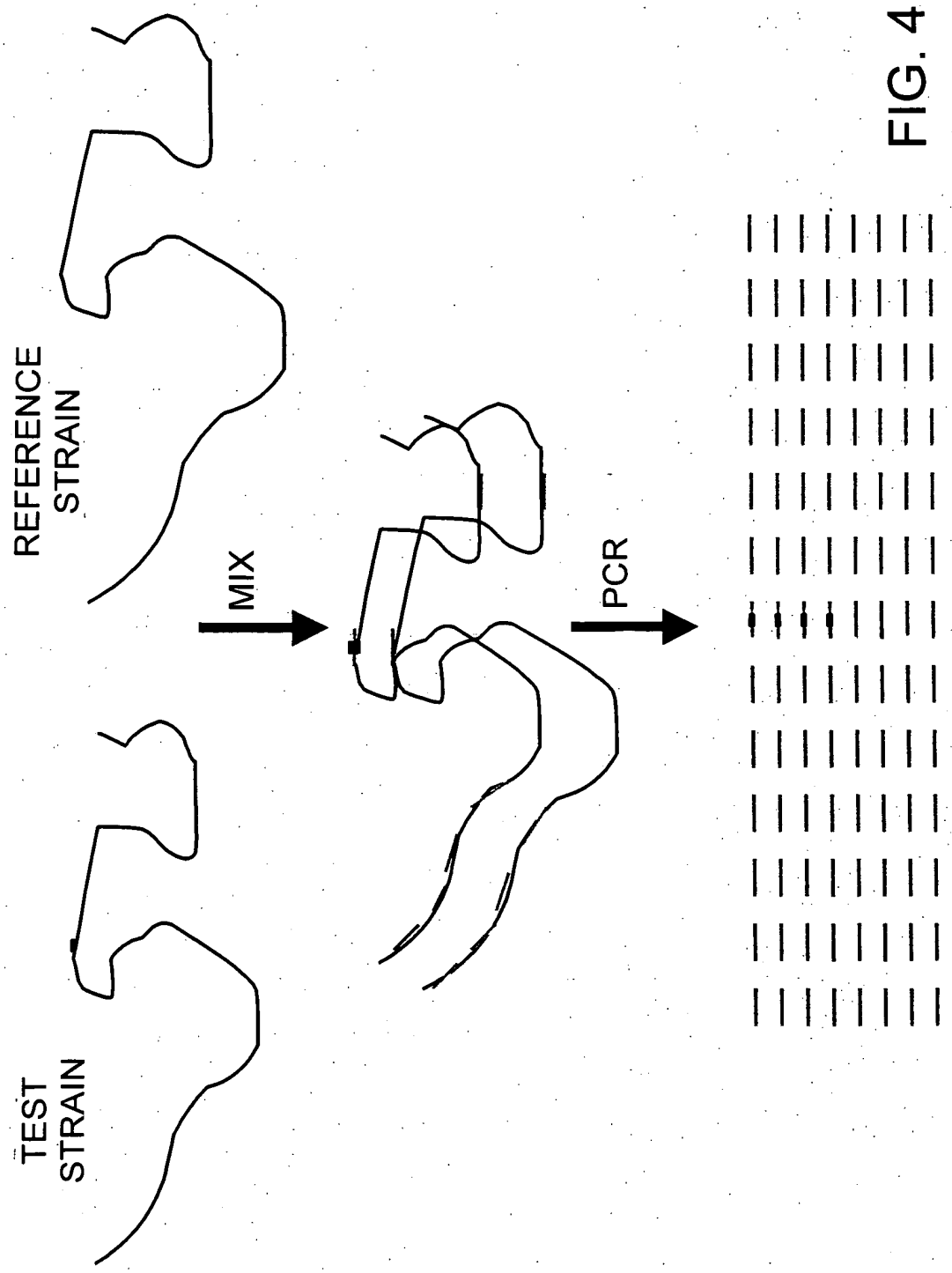

FIG. 4

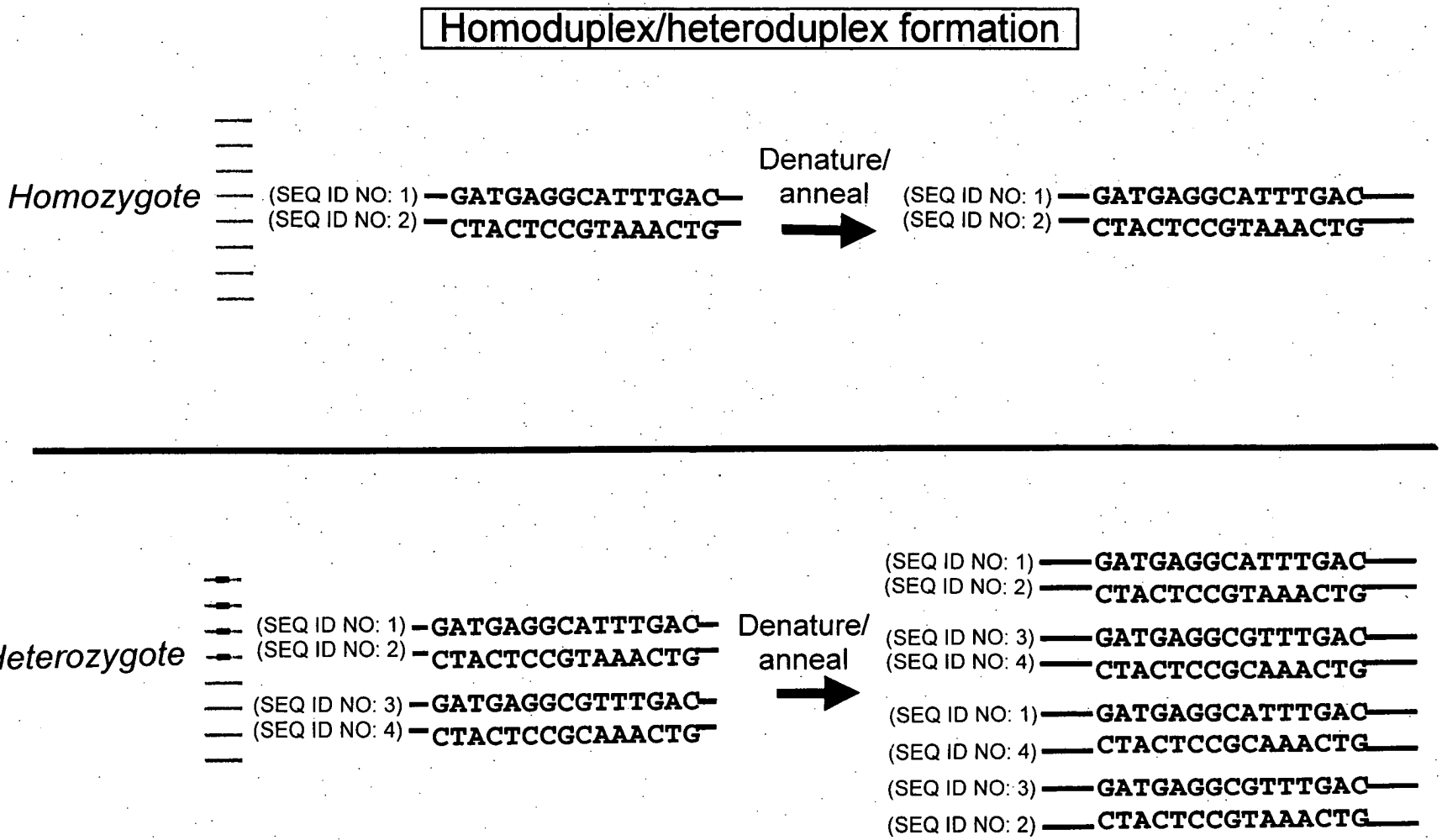
Homoduplex/heteroduplex formation
Homozygote
(SEQ ID NO: 1) GATGAGGCATTTGAC
(SEQ ID NO: 2) CTACTCCGTAAACTG
Denature/
anneal
(SEQ ID NO: 1) GATGAGGCATTTGAC
(SEQ ID NO: 2) CTACTCCGTAAACTG
Heterozygote
(SEQ ID NO: 1) GATGAGGCATTTGAC
(SEQ ID NO: 2) CTACTCCGTAAACTG
(SEQ ID NO: 3) GATGAGGCGTTTGAC
(SEQ ID NO: 4) CTACTCCGCAAACTG
Denature/
anneal
(SEQ ID NO: 1) GATGAGGCATTTGAC
(SEQ ID NO: 2) CTACTCCGTAAACTG
(SEQ ID NO: 3) GATGAGGCGTTTGAC
(SEQ ID NO: 4) CTACTCCGCAAACTG
(SEQ ID NO: 1) GATGAGGCATTTGAC
(SEQ ID NO: 4) CTACTCCGCAAACTG
(SEQ ID NO: 3) GATGAGGCGTTTGAC
(SEQ ID NO: 2) CTACTCCGTAAACTG

FIG. 5

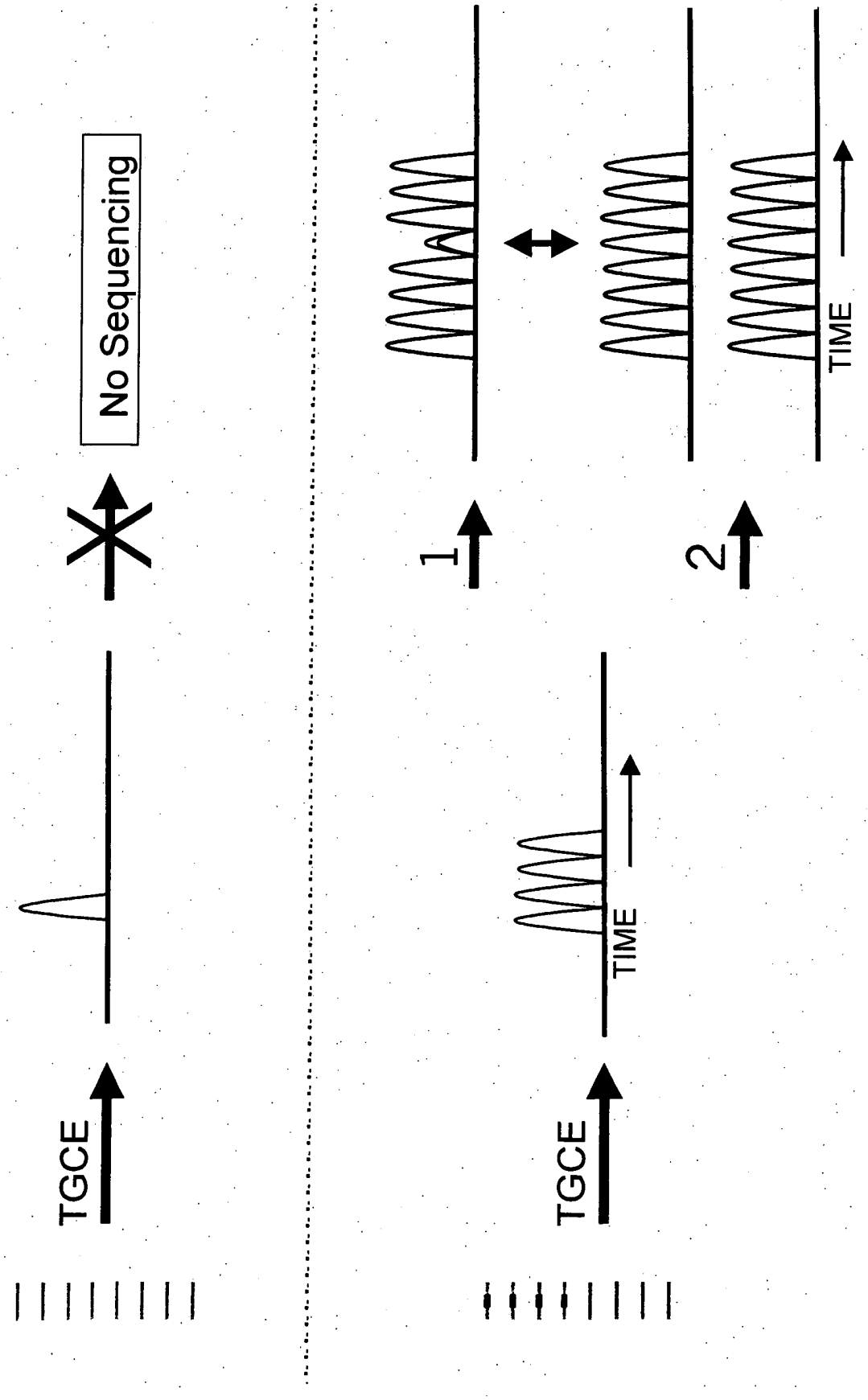

FIG. 6

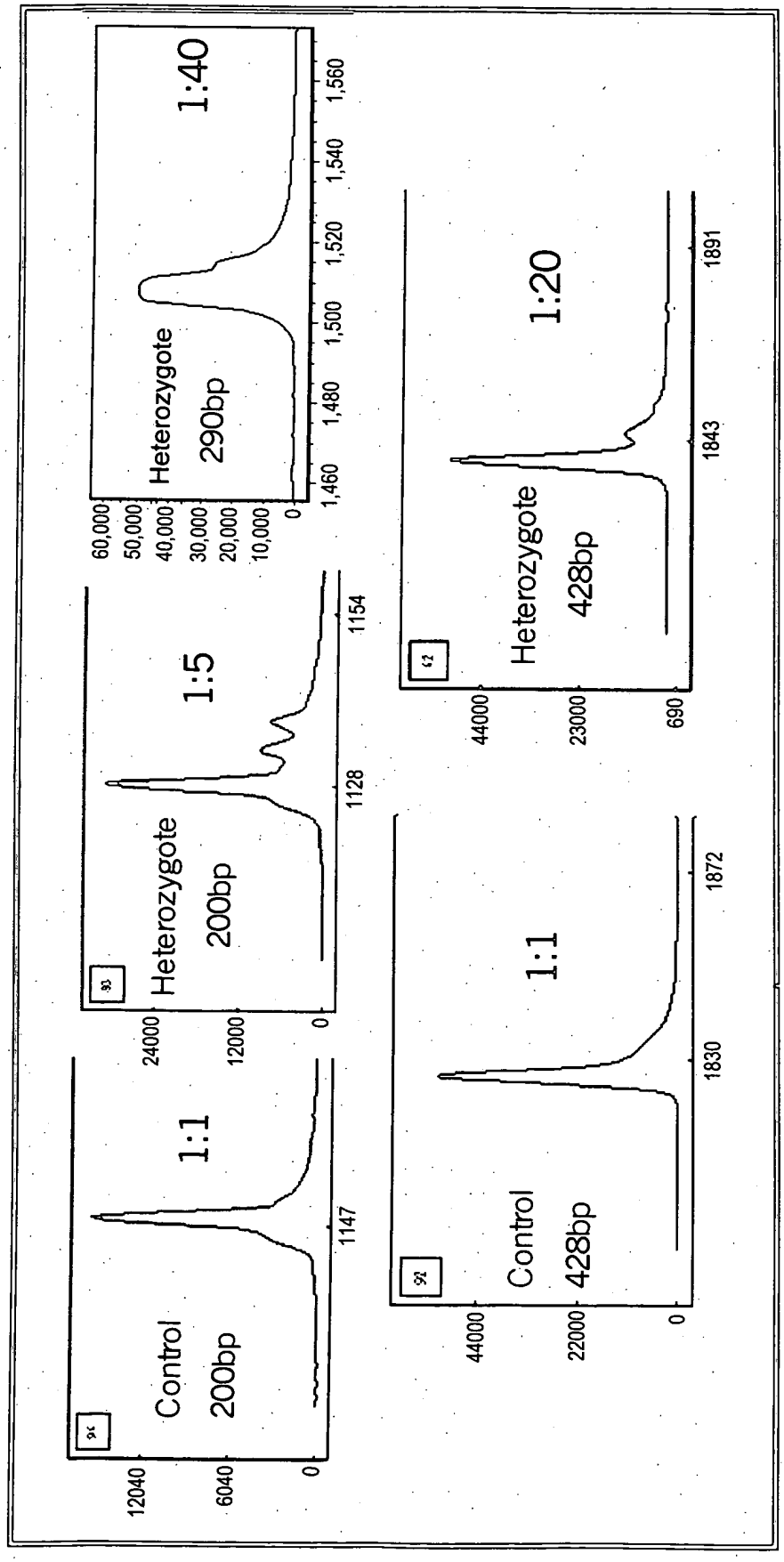
SAMPLE POOLING
Control
200bp
1:1
Heterozygote
200bp
1:5
Heterozygote
290bp
1:40
Control
428bp
1:1
Heterozygote
428bp
1:20

FIG 7